

**LANCASTER**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	3.61	3	NC*	Male	2.40	1	NC*
Female	1.33	3	NC*	Female	1.83	2	NC*
Total	4.94	6	122	Total	4.23	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.35	2	NC*	Male	0.68	0	NC*
Female	1.08	1	NC*	Female	0.61	0	NC*
Total	2.43	3	NC*	Total	1.29	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	0.24	0	NC*	Male	3.19	2	NC*
Female	22.51	19	84	Female	2.54	1	NC*
Total	22.75	19	84	Total	5.73	3	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.56	2	NC*	Male	2.61	2	NC*
				Female	1.15	1	NC*
				Total	3.75	3	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	9.18	8	87	Female	2.75	3	NC*
Female	8.51	6	71				
Total	17.68	14	79				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.37	0	NC*	Male	1.42	1	NC*
Female	0.43	0	NC*	Female	1.40	3	NC*
Total	1.80	0	NC*	Total	2.82	4	NC*
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	0.73	0	NC*	Male	22.31	14	63
Female	0.52	0	NC*				
Total	1.24	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.25	2	NC*	Male	1.59	1	NC*
Female	1.25	2	NC*	Female	0.92	1	NC*
Total	3.50	4	NC*	Total	2.51	2	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.37	0	NC*	Male	1.11	2	NC*

Female	0.36	0	NC*				
Total	1.72	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	1.68	7	416 ~+	Male	0.53	0	NC*
Female	1.23	1	NC*	Female	1.29	1	NC*
Total	2.92	8	274 #+	Total	1.82	1	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.77	0	NC*				
Female	0.29	0	NC*	Female	4.25	4	NC*
Total	1.06	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	11.95	7	59	Male	75.67	54	71 #-
Female	8.54	6	70	Female	69.36	59	85
Total	20.49	13	63	Total	145.03	113	78 ~-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels